INSTALLATION INSTRUCTIONS
LR100ARK-EM
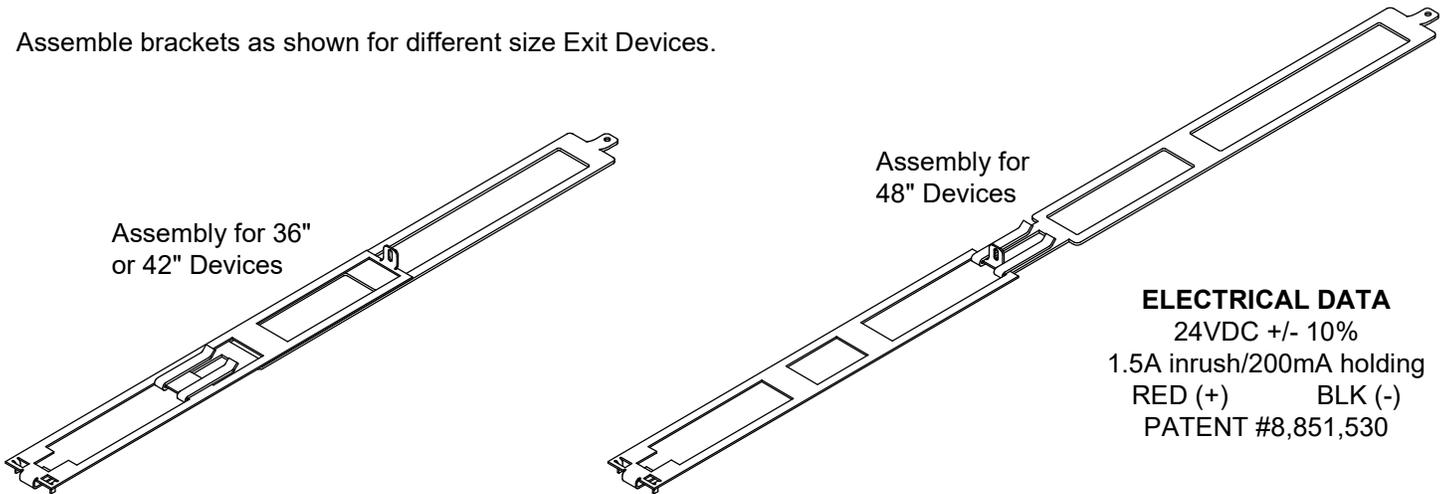## ADAMS RITE ELECTRIC LATCH RETRACTION DEVICE KIT
RIM EXIT DEVICE EXTERNAL MODULE
MODELS: 3700, 8700, 8800

*Visit: sdcsec.com/adamsrite
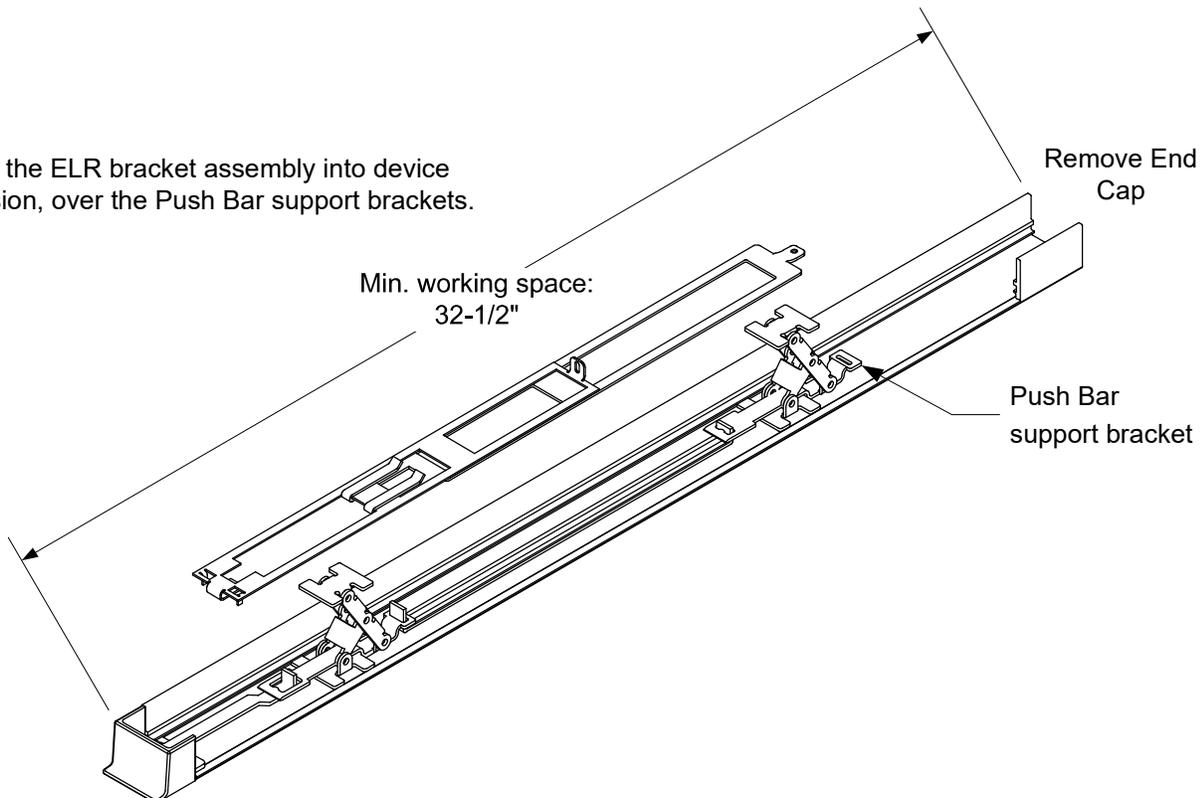 for Installation Video

Retrofit Installation Note: 42" or 48" exit devices that have been modified to fit a 36" or smaller opening, may not have the required space to fit the standard E. L. R. assembly. Always verify the distance from the end of the touchpad to the end rail, and if necessary, consult with the factory for appropriate selection.

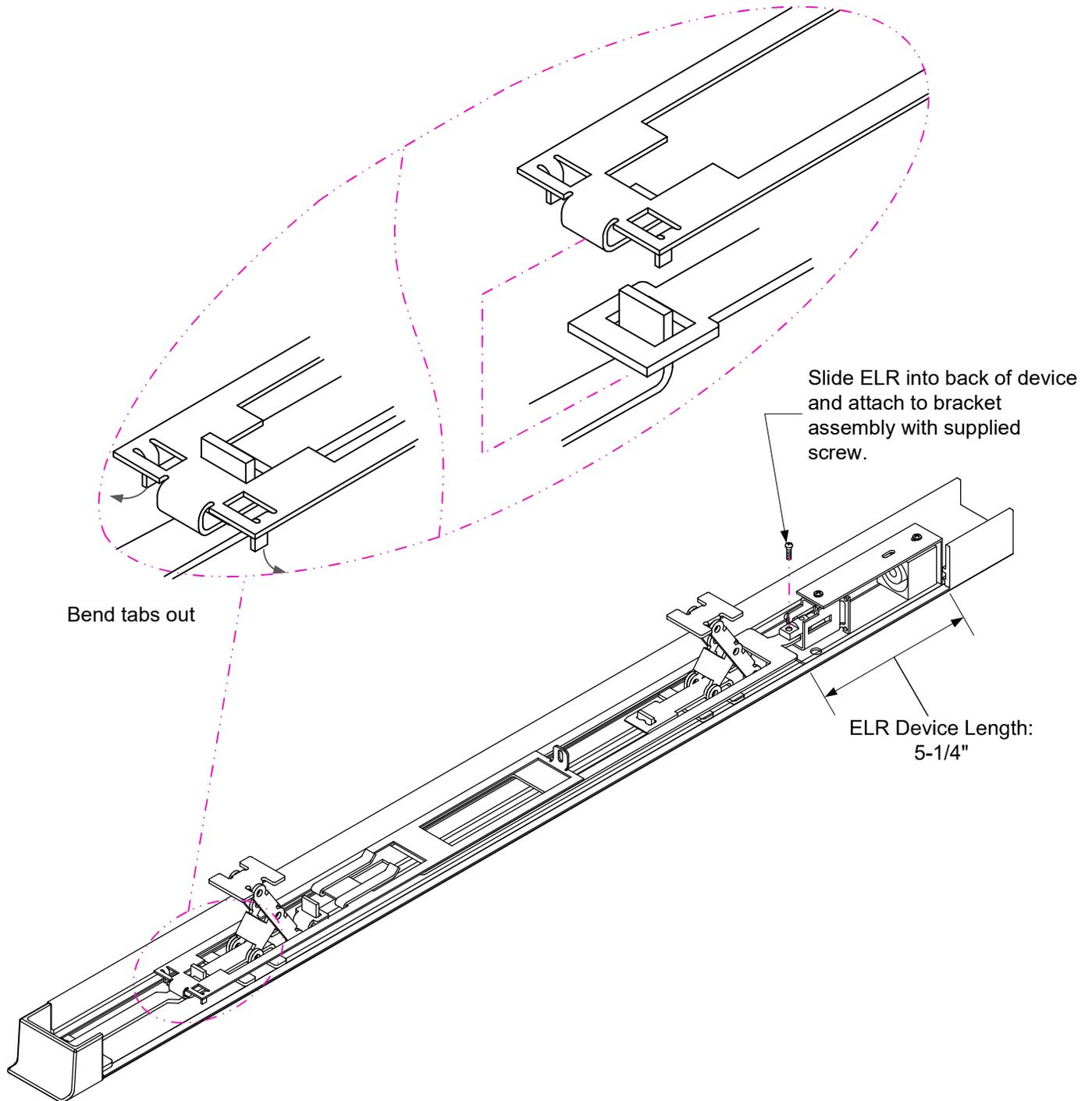Assemble brackets as shown for different size Exit Devices.

Assembly for 36"
or 42" Devices

Assembly for
48" Devices

ELECTRICAL DATA
24VDC +/- 10%
1.5A inrush/200mA holding
RED (+)   BLK (-)
PATENT #8,851,530

Install the ELR bracket assembly into device extrusion, over the Push Bar support brackets.
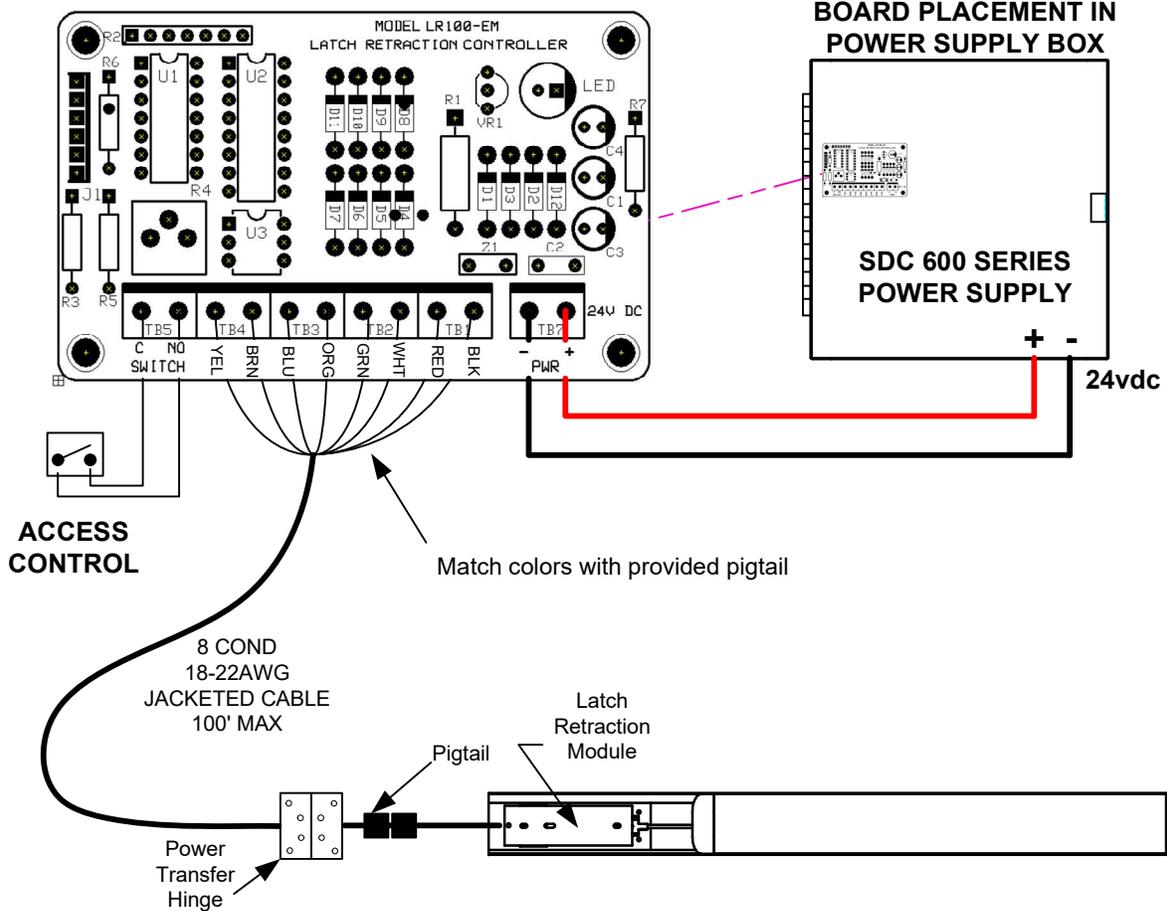
Remove End
Cap

Min. working space:
32-1/2"

Push Bar
support bracket

Any suggestions or comments to this instruction or product are welcome. Please contact us through our website or email engineer@sdcsecurity.com

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[t] 800.413.8783 ■ 805.494.0622 ■ E-mail: service@sdcsecurity.com ■ 801 Avenida Acaso, Camarillo, CA 93012 ■ PO Box 3670, Camarillo, CA 93011

Attach the Bracket assembly to the existing Device linkage as shown. Once the Bracket is in place, bend out the tabs so the Bracket assembly will slide easily, without falling out or binding.

Slide ELR into back of device and attach to bracket assembly with supplied screw.

Bend tabs out

ELR Device Length: 5-1/4"

Apply power to the ELR unit to make it draw the sliding latch bracket back to the open position. Secure in position by tightening the set screws in the ELR assembly.

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BOARD PLACEMENT IN POWER SUPPLY BOX

SDC 600 SERIES POWER SUPPLY

24vdc

Match colors with provided pigtail

ACCESS CONTROL

8 COND 18-22AWG JACKETED CABLE 100' MAX

Pigtail

Latch Retraction Module

Power Transfer Hinge

Wire colors from provided Pigtail must connect to the same colors marked on PCB. If the Jacketed Cable does not have the same colors as the Pigtail, use the following chart to mark the color connections from Pigtail to Jacketed Cable to PCB.

PIGTAIL	JACKETED CABLE	PCB
BLACK		BLACK
RED		RED
WHITE		WHITE
GREEN		GREEN
ORANGE		ORANGE
BLUE		BLUE
BROWN		BROWN
YELLOW		YELLOW